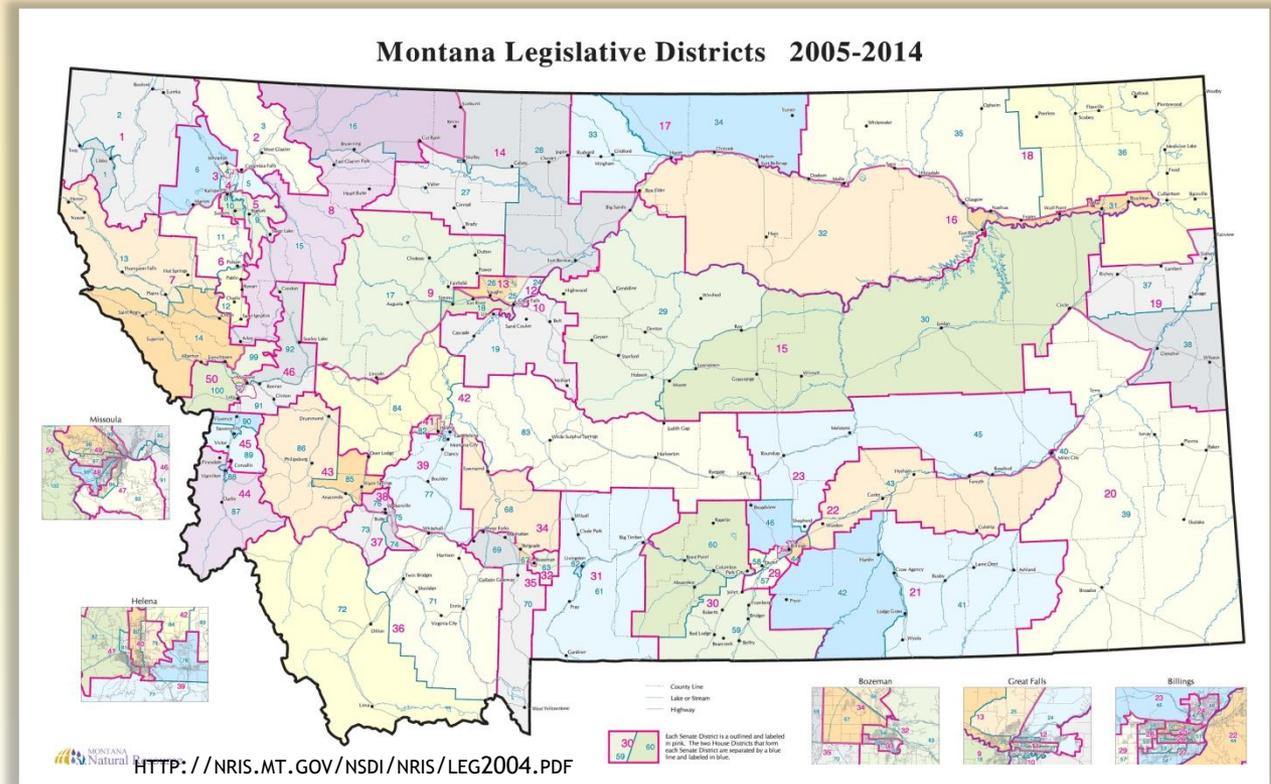


# 2010 CENSUS DATA FOR MONTANA

Presentation to  
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Committee

May 16, 2011



# PRESENTATION OUTLINE

- ⊙ Redistricting Timeline
- ⊙ Criteria Adopted for Congressional Districts
- ⊙ Overview of Data Releases to Date and Upcoming
- ⊙ Comparing Census Results for the Same Geographic Unit
- ⊙ Data:
  - ⊙ Population Totals
  - ⊙ Race Distribution
- ⊙ The Count Question Resolution Process

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# REDISTRICTING TIMELINE

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**April 1, 2011** -Census figures available: triggers congressional and legislative redistricting **DONE**

**90 days from receipt of census figures**- Final plan for congressional districts must be filed with Secretary of State

**Calendar 2011-2012** - begin legislative redistricting: must hold 1 public hearing

**Session 2013 10<sup>th</sup> Legislative Day**- Commission must submit plan for legislative redistricting. Within 30 days the Legislature must return the plan with recommendations, within 30 days the plan is filed with the Secretary of State, becomes law, and Commission is dissolved. Budget needed for maintenance and support of system.

# MANDATORY CRITERIA

## 1. Population Equality

- ⦿ Senate: 989,415 total residents ÷ 50 senate seats = 19,788 per senate district
- ⦿ House: 989,415 total residents ÷ 100 house seats = 9,894 per house district

# MANDATORY CRITERIA

(Continued)

2. Compact and Contiguous Districts
3. Protection of Minority Voting Rights to participate in the political process
3. Race cannot be the predominant factor to which traditional discretionary criteria are subordinated

# DISCRETIONARY CRITERIA

1. **Follow the Lines of Political Units**

2. **Follow the Geographic Boundaries**

- ⦿ Census uses the bureau's own geography – Tiger/Line Files
- ⦿ Data by state, county, cities and towns, Census Designated Places (CDP), school districts, and reservations

3. **Keep Communities of Interest Intact**

Census data by age, gender, race, ethnicity, language, urban vs. rural area, income, employment, occupation, poverty status, education, veteran's status, and household and family relationships

# CENSUS 2010 AND THE AMERICAN COMMUNITY SURVEY (ACS) DATA RELEASES TO DATE

## Compiled from the Census 2010 Survey– 10 Questions Data at all Geographic Levels

- ⊙ **Redistricting Data Released March 2011**
  - ⊙ # of Residents Total
  - ⊙ # 18 and older, Race of Residents
  - ⊙ Hispanic or Latino Origin
  - ⊙ Housing Units by Occupancy Status (occupied or vacant)
  
- ⊙ **Local Profiles - JUST RELEASED May 12, 2011!**
  - ⊙ Age and Gender Distributions
  - ⊙ Detailed Race
  - ⊙ Household Relationship and Type
  - ⊙ Group Quarters Population
  - ⊙ Housing Tenure (whether the housing occupant owns or rents)

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# CENSUS 2010 AND THE AMERICAN COMMUNITY SURVEY (ACS) RELEASES TO DATE

## Compiled from the American Community Survey – 60+ Questions

- ⊙ ACS provides socio-economic data – education, housing characteristics, employment, income, veteran status, disabilities, health insurance, etc.
- ⊙ Replaced the prior Census Long Form – **SAMPLE SURVEY** NOT A CENSUS.

## ALL RESULTS NOW AVAILABLE

- ⊙ Areas below 20,000: 5-year Estimates (2005 - 2009)
- ⊙ Areas with a population 20,000+: 3-Year Estimates (2007 - 2009)
- ⊙ Areas with a population 65,000+: 1-Year Estimates (2009)

# CENSUS 2010 AND THE AMERICAN COMMUNITY SURVEY (ACS) RELEASES TO DATE

## CENSUS 2010 STATE PRODUCTS STILL TO COME

- ◎ SUMMER 2011 – DETAILED TABLES
  - ◎ Population counts for 63 race categories and Hispanic or Latino - Tract and Block levels
  - ◎ Some detailed race and housing characteristics at the tract level
  - ◎ American Indian Tribal Affiliation at the Tract Level
- ◎ December 2011- April 2012 (SF2 and ACS 2010)
  - ◎ All population and housing characteristics for many detailed race, Hispanic or Latino categories, and American Indian and Alaska Native Tribes

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# CENSUS 2010 AND THE AMERICAN COMMUNITY SURVEY (ACS) COMPARING CENSUS RESULTS FOR THE SAME GEOGRAPHIC UNIT

## GEOGRAPHIC BRIDGE CENSUS 2000 to CENSUS 2010

- ⊙ State, Counties, Reservations:
  - ⊙ No significant boundary changes
  - ⊙ Data directly comparable 😊
- ⊙ CDPs, Cities and Towns, School Districts, Tract-to-Tract, and Block-to-Block:
  - ⊙ Significant boundary changes in some areas
  - ⊙ Data **not uniformly** directly comparable 😞
  - ⊙ Solution “Unknown” – Will try using relationship files to be able to compare the same geographic units? CEIC exploring the potential....

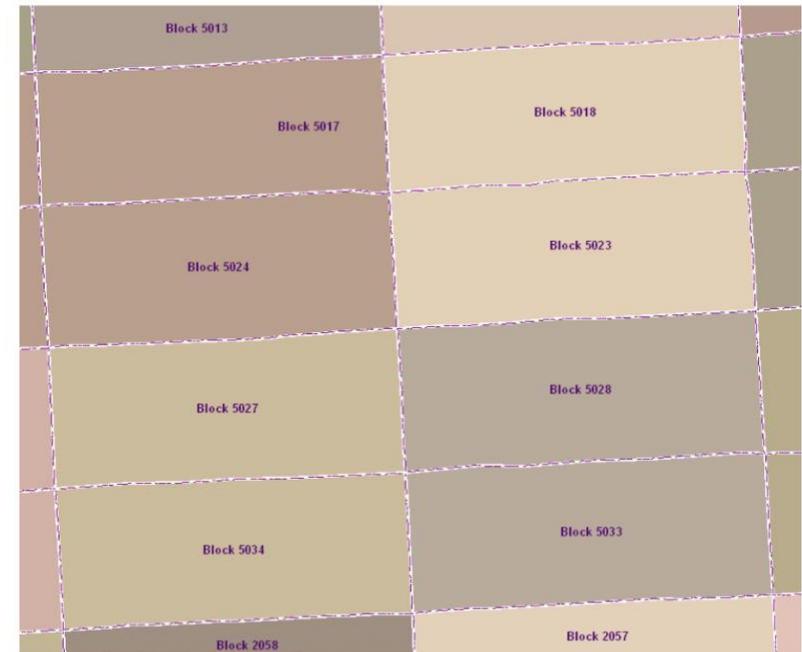
# CENSUS 2010 AND THE AMERICAN COMMUNITY SURVEY (ACS) COMPARING CENSUS RESULTS FOR THE SAME GEOGRAPHY

Some Block Boundaries Coincide to Previous Census Block Boundaries

Census 2000 Blocks



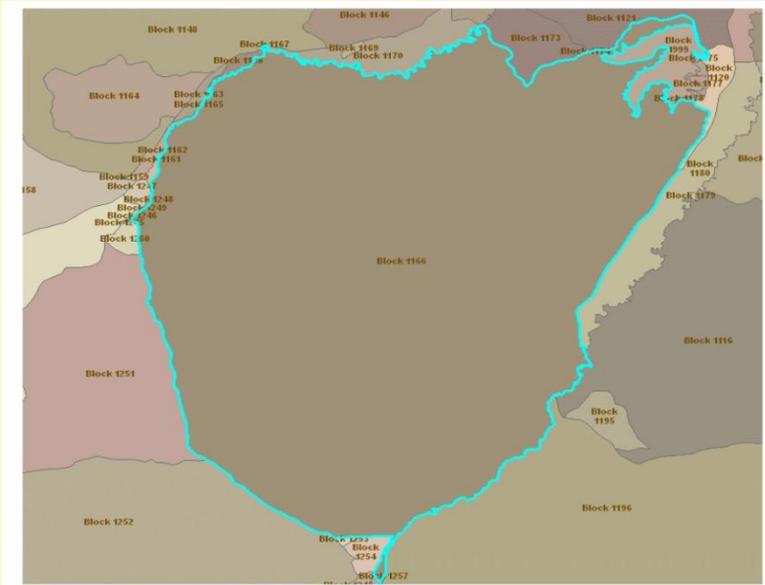
Census 2010 Blocks



# CENSUS 2010 AND THE AMERICAN COMMUNITY SURVEY COMPARING CENSUS RESULTS FOR THE SAME GEOGRAPHIC UNIT

However **Most** MT block boundaries changed and potentially all the numbering

Census 2000 Blocks



Census 2010 Blocks



# CENSUS 2010 AND THE AMERICAN COMMUNITY SURVEY COMPARING CENSUS RESULTS FOR THE SAME GEOGRAPHIC UNIT

## Example of Boundary Changes

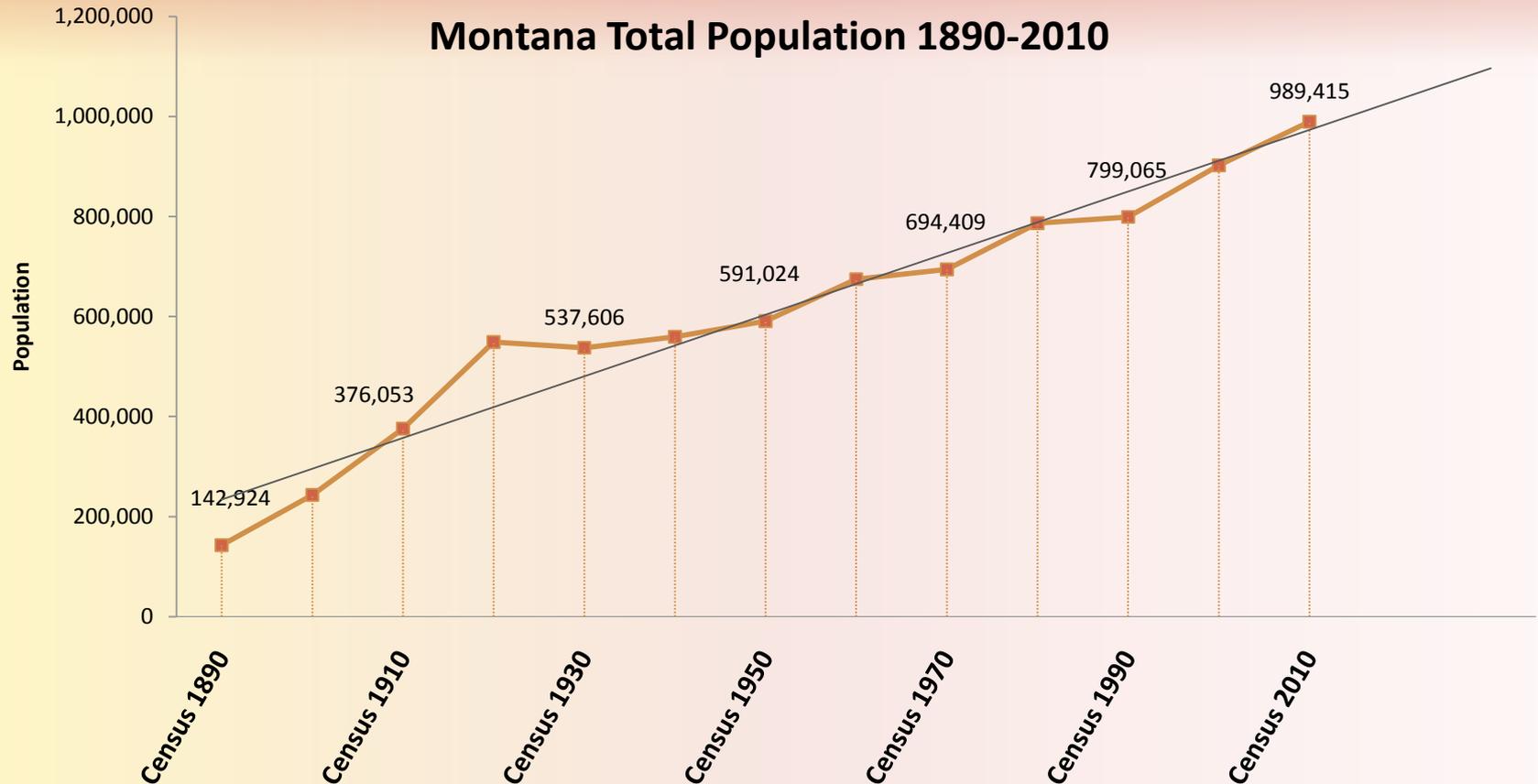


# DATA: MT POPULATION TRENDS

## Some General Patterns:

- ⊙ Population is aging
  - ⊙ Median age rose to 39.8 in 2010 from 37.5 in 2000. (The median age was 29 in the 1980 Census results)
  - ⊙ 14.6% are 65 years of age or older. By 2030, 25% will be 65 or older.
  - ⊙ More diversity – 60.9% increase in foreign-born residents
- ⊙ Metro Areas and Large Counties gained population. Rural areas lost population
- ⊙ Average Household Size continues to decline
  - ⊙ Average household size decreased to 2.4 in 2010 from 2.6 in 2000. (The average household size in 1980 was 2.7)

# MT POPULATION AND HOUSING TRENDS

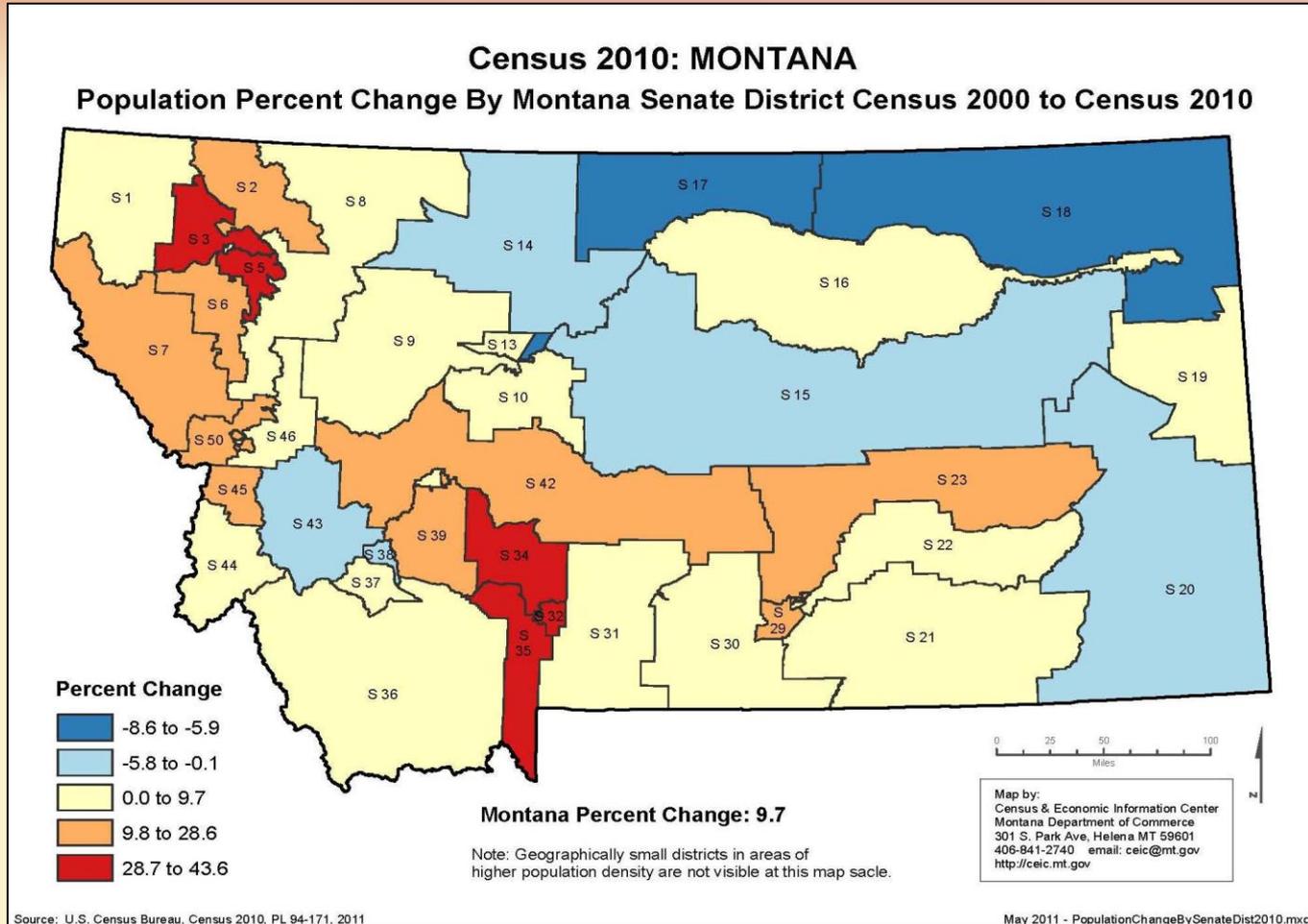


# DATA: POPULATION TOTALS

- Montana gained 87,220 residents from 2000 to 2010
- State was fifth on the list to gain another Representative

State	Current # of Representatives	Seats if the cutoff was 450 seats instead of 435 for total	
		Seat	Description
North Carolina	13	436th	Would have gained a new seat
Missouri	8	437th	Would have retained a seat which was lost
New York	27	438th	Would have retained a seat which was lost
New Jersey	12	439th	Would have retained a seat which was lost
Montana	1	440th	Would have gained a new seat
Louisiana	6	441st	Would have retained a seat which was lost
Oregon	5	442nd	Would have gained a new seat
Ohio	16	443rd	Would have retained one of two seats lost
Virginia	11	444th	Would have gained a new seat
California	53	445th	Would have gained a new seat
Illinois	18	446th	Would have retained a seat which was lost
Texas	36	447th	Would have gained another new seat - Gained 4 seats
Massachusetts	9	448th	Would have gained a new seat
Pennsylvania	18	449th	Would have gained a new seat
Florida	27	450th	Would have gained another new seat - Gained 2 seats

# CHANGE IN POPULATION BY SENATE DISTRICT



# POPULATION TRENDS

## Senate Districts with Considerable Population Increases

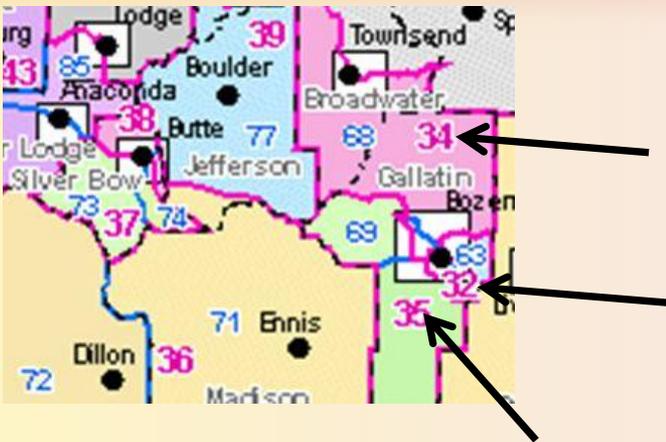
NAME	# Change Census 2000 to 2010	% Change Census 2000 to 2010
SENATE DISTRICT 35	8,099	43.6%
SENATE DISTRICT 34	7,527	41.7%
SENATE DISTRICT 3	6,332	33.5%
SENATE DISTRICT 32	5,836	33.3%
SENATE DISTRICT 5	5,715	30.2%
SENATE DISTRICT 23	5,049	27.5%
SENATE DISTRICT 49	4,944	26.1%
SENATE DISTRICT 24	4,372	25.3%

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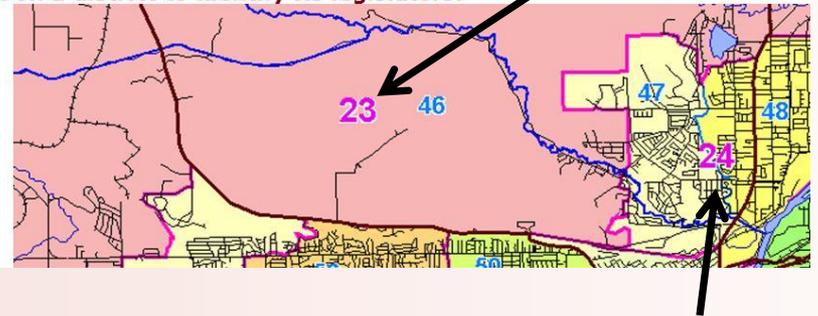
# POPULATION TRENDS

## Senate Districts with Considerable Population Increases



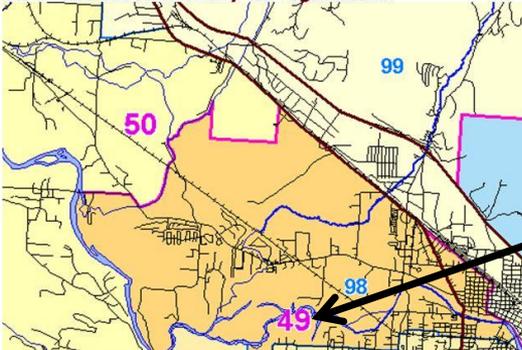
### Billings Area Legislative Districts

Click on a district to identify its legislators:



### Missoula Area Legislative Districts

Click on a district to identify its legislators:



# POPULATION TRENDS

## Senate Districts with Considerable Population Decreases

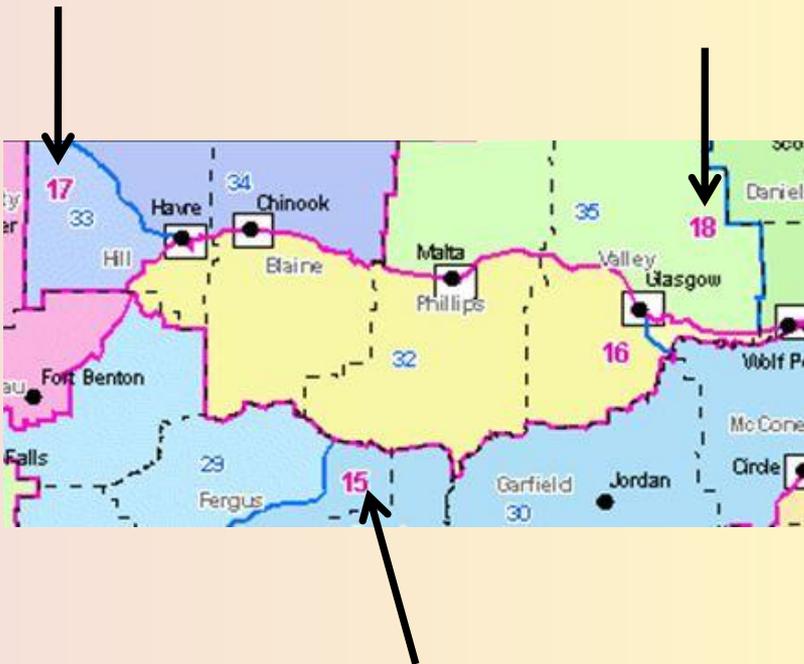
NAME	# Change Census 2000 to 2010	% Change Census 2000 to 2010
SENATE DISTRICT 18	(1,596)	-8.6%
SENATE DISTRICT 12	(1316)	-7.5%
SENATE DISTRICT 17	(1,135)	-6.6%
SENATE DISTRICT 15	(1,100)	-5.8%

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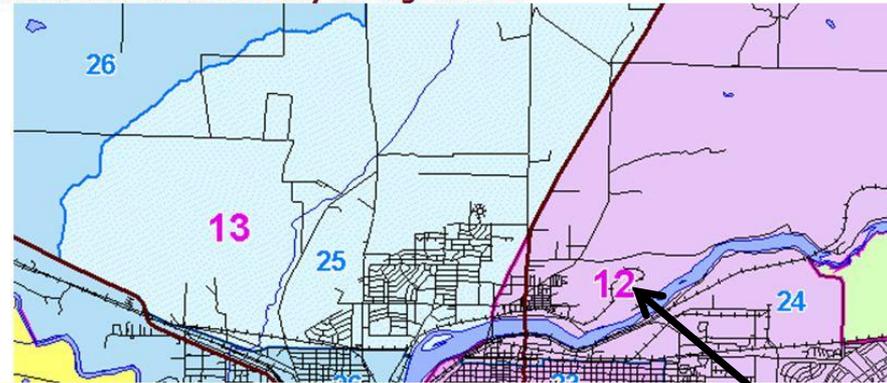
# POPULATION TRENDS

## Senate Districts with Considerable Population Decreases

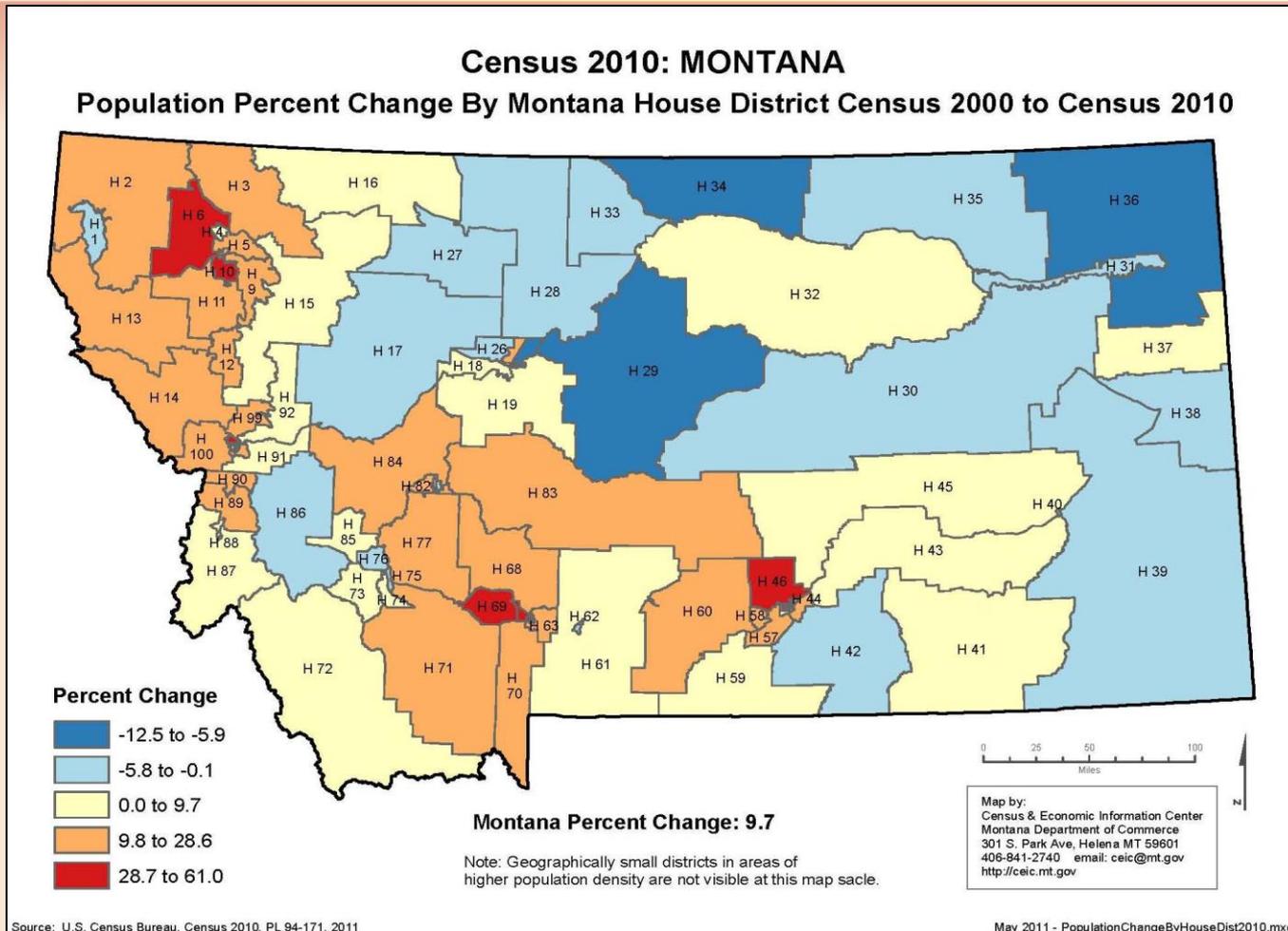


### Great Falls Area Legislative Districts

Click on a district to identify its legislators:



# CHANGE IN POPULATION BY HOUSE DISTRICT



# POPULATION TRENDS

## House Districts with Considerable Population Increases

NAME	# Change Census 2000 to 2010	% Change Census 2000 to 2010
HOUSE DISTRICT 69	8,099	43.6%
HOUSE DISTRICT 67	7,527	41.7%
HOUSE DISTRICT 46	6,332	33.5%
HOUSE DISTRICT 98	5,836	33.3%
HOUSE DISTRICT 64	5,715	30.2%
HOUSE DISTRICT 10	5,049	27.5%
HOUSE DISTRICT 6	4,944	26.1%

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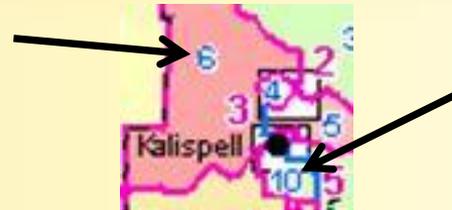
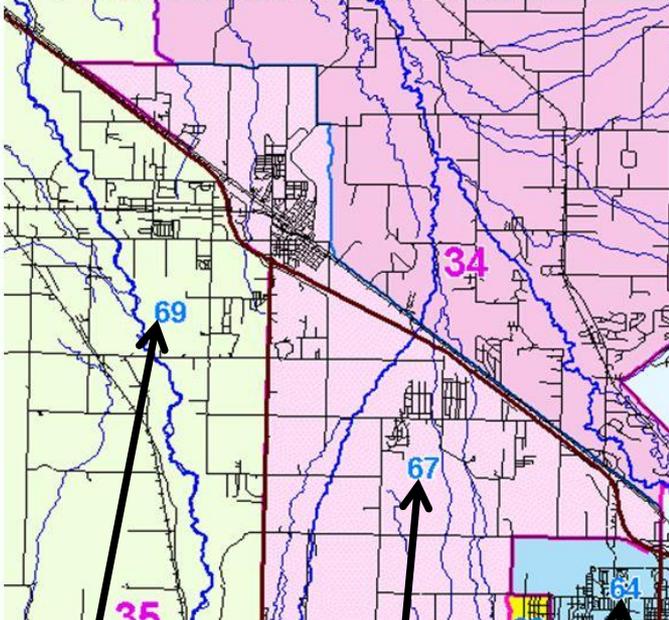
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# POPULATION TRENDS

## House Districts with Considerable Population Increases

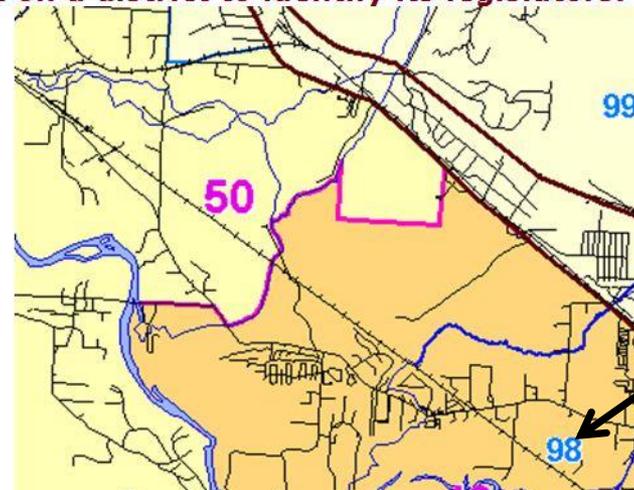
### Bozeman - Belgrade Area Legislative Districts

Click on a district to identify its legislators:



### Missoula Area Legislative Districts

Click on a district to identify its legislators:



# POPULATION TRENDS

## House Districts with Considerable Population Decreases

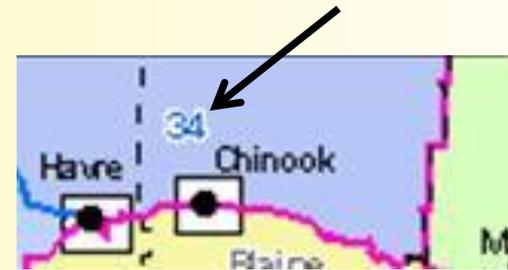
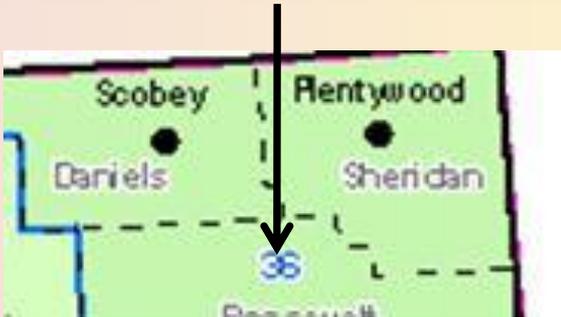
NAME	# Change Census 2000 to 2010	% Change Census 2000 to 2010
HOUSE DISTRICT 36	(1,152)	-12.5%
HOUSE DISTRICT 24	(784)	-8.7%
HOUSE DISTRICT 34	(719)	-8.3%
HOUSE DISTRICT 29	(717)	-7.7%

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# POPULATION TRENDS

## House Districts with Considerable Population Decreases



# RACE TRENDS

## Distribution of Montana Population by Race

Race	2010 Census % of Total Population	2000 Census % of Total Population	2010 Census #	2000 Census #	% Change 2000 - 2010	# Change 2000 - 2010
<b>White Alone</b>	89.4%	90.6%	884,961	817,229	8.3%	67,732
<b>American Indian Alone</b>	6.3%	6.2%	62,555	56,068	11.6%	6,487
<b>Two or More Races</b>	2.5%	1.7%	24,976	15,730	58.8%	9,246

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# ETHNIC DISTRIBUTION

## Distribution of Montana Population by Ethnicity

Ethnicity	2010 Census % of Total Population	2000 Census % of Total Population	2010 Census #	2000 Census #	% Change 2000 - 2010	# Change 2000 - 2010
<b>Non-Hispanic</b>	97.1%	98.0%	960,850	884,114	8.7%	76,736
<b>Hispanic or Latino (of any race)</b>	2.9%	2.0%	28,565	18,081	58.0%	10,484

# AGING OF MONTANA'S POPULATION

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Montana	2010 Census	2000 Census	Difference
<b>Median Age - All</b>	39.8	37.5	2.3 Years
<b>Median Age - Male</b>	38.8	36.6	2.2 Years
<b>Median Age - Female</b>	41.0	38.5	2.5 Years

# COUNT QUESTION RESOLUTION

## Time Frame:

- ⊙ Issues can be submitted: June 2011 – June 2013
- ⊙ Issues should be resolved by end of 2013.

## Impact:

### Changes WILL:

- ⊙ Be official census counts
- ⊙ Affect federal funding and program eligibility
- ⊙ Affect state revenue sharing
- ⊙ Be reflected in annual population estimates
- ⊙ Be suitable for all official purposes
- ⊙ Be published in an “Errata” document

# COUNT QUESTION RESOLUTION

## Impact:

### Changes **WILL NOT**:

- ⊙ Affect redistricting files or any other census products published online or by other means (aside from Errata document)
- ⊙ Be available by age, race, sex, or other characteristics

# COUNT QUESTION RESOLUTION

## Types of Correctible Errors:

- ⊙ Boundary errors
- ⊙ Processing errors - number of housing units / group quarters identified during the census process “but erroneously included as duplicates or excluded due to processing errors”
  - ⊙ Corrections will “add or delete specific living quarters and people associated with them.”
- ⊙ Geocoding errors (e.g. living quarters assigned to wrong block)

# TO ACCESS THE DATA

⑩ Visit the Montana or U.S. Census websites

⑩ Go to the CEIC website

[www.ceic.mt.gov](http://www.ceic.mt.gov)

⑩ Go to the Census Bureau's website

[www.census.gov](http://www.census.gov)

# CONTACT INFORMATION

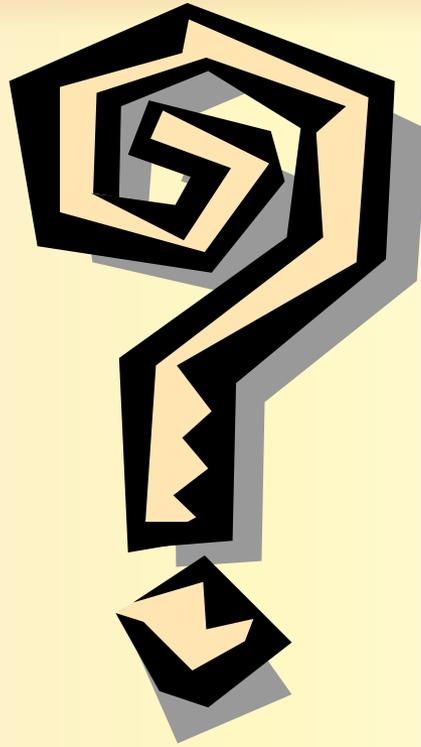
Census & Economic Information Center  
Montana Department of Commerce  
(406) 841-2740

[mcraigle@mt.gov](mailto:mcraigle@mt.gov)

[www.ceic.mt.gov](http://www.ceic.mt.gov)

PowerPoint presentation available on CEIC's web site at [www.ceic.mt.gov](http://www.ceic.mt.gov)

# QUESTIONS AND ANSWERS...



# SOURCES

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- ① Decennial Census Data U.S. Census Bureau  
Census 2010 PL 94-171, March 2011; Census  
2000 Summary File 1, 2001; Census 1990  
Summary File 1, 1991; and Census 1980  
Summary File 1, 1981
- ① 2005-2009 American Community Survey 5  
Year Estimate and 2009 1 Year Estimate
- ① Census 2000 Summary File 3, 2002;